

Listing of Claims

1. - 61. (cancelled)

CLAIMS:

62. (new) A method for heating material with a screen assembly on a vibratory separator, the vibratory separator having a deck with an upstanding member, the screen assembly having a plurality of layers of screening material, the plurality of layers of screening material connected together and secured to a frame, the frame comprising two ends, each end connected to and spaced-apart by one of two spaced-apart sides, the two spaced-apart sides including a first side and a second side and the frame including a plurality of spaced-apart crossmembers, each crossmember extending from the first side to the second side, wherein at least one of the plurality of spaced-apart crossmembers has at least one notch for receiving a portion of the upstanding member of the deck of the vibratory separator, the method comprising

positioning the frame above the deck,  
inserting a portion of the upstanding member into the at least one notch to facilitate correct and stable emplacement of the screen assembly on the deck,  
lowering the frame onto the deck with the portion of the upstanding member in the at least one notch,  
vibrating the screen assembly with the vibratory separator, and  
feeding material to be treated onto the screen assembly.

63. (new) A method for treating material with a screen assembly on a vibratory separator, the vibratory separator having a deck with an upstanding member, the screen assembly having a plurality of layers of screening material, the plurality of layers of screening material connected together and secured to a frame, the frame comprising two ends, each end connected to and spaced-apart by one of two spaced-apart sides, the two spaced-apart sides including a first side and a second side and the frame including a plurality of spaced-apart crossmembers, each crossmember extending

10 from the first side to the second side, wherein the frame has at  
11 least one notch for receiving a portion of the upstanding member of  
12 the deck of the vibratory separator, the method comprising

13           positioning the frame above the deck, inserting a  
14           portion of the upstanding member into the at least one notch  
15           to facilitate correct and stable emplacement of the screen  
16           assembly on the deck,

17           lowering the frame onto the deck with the portion of  
18           the upstanding member in the at least one notch,

19           vibrating the screen assembly with the vibratory  
20           separator, and

21           feeding material to be treated onto the screen  
22           assembly.

1       64. (new) The method of claim 63 wherein the screen assembly  
2 has non-flat areas of screening material thereon, the non-flat  
3 areas of screening material comprising rippled areas of screening  
4 material between lines of glue gluing together a plurality of  
5 layers of screening material, the plurality of glued-together  
6 layers of screening material secured to a frame, the vibratory  
7 separator located in an environment at an ambient temperature, the  
8 method further comprising

9           flattening the non-flat areas of screening material  
10          by feeding for a period of time material to be treated onto  
11          the screen assembly, the material to be treated at a material  
12          temperature above the ambient temperature,

13          the period of time of such a temporal length and the  
14          material temperature of such a temperature to flatten the non-  
15          flat areas of screening material.

1       65. (new) The method of claim 64 wherein the material  
2 temperature is at least five degrees above the ambient temperature.

1       66. (new) The method of claim 64 wherein the material  
2 temperature is at least 100° F.

1       67. (new) The method of claim 64 wherein the material is  
2 drilling fluid from a drilled wellbore, the drilling fluid having  
3 solid drilled cuttings therein.

1           68. (new) The method of claim 64 wherein the glue is cured  
2 moisture-curing hot melt glue.

1           69. (new) The method of claim 64 wherein the glue is applied  
2 in a pattern.

1           70. (new) The method of claim 64 wherein the ends and sides  
2 are tubular members.

1           71. (new) The method of claim 64 wherein the plurality of  
2 layers of screening material comprises at least a lower layer of  
3 coarse mesh and at least one layer of fine mesh.